PACT 2014

UNIVERSITY OF ALBERTA

The 23rd International Conference on Parallel Architectures and Compilation Techniques

CALL FOR PAPERS

About PACT

PACT 2014 will bring together researchers from architecture, compilers, applications and languages to present and discuss innovative research of common interest.

PACT solicits novel papers, workshops, tutorials and entries to an ACM student research competition on a broad range of topics that include, but are not limited to:

- Parallel architectures and computational models
- Compilers & tools for parallel computer systems
- Multicore, multithreaded, superscalar and VLIW architectures
- Compiler/hardware support for dealing with memory latencies
- Support for correctness in concurrent hardware and software
- Reconfigurable parallel computing
- Dynamic translation and optimization

- I/O issues in parallel computing and their relation to applications
- Parallel programming languages, algorithms and applications
- Middleware and run time system support for parallel computing
- Application-specific parallel systems
- Applications and experimental systems studies
- Topics in non-traditional computing systems

Detailed instructions for electronic submission will be posted on the PACT conference website. For additional information regarding paper submissions, authors should contact the Program Chair.

Workshops + Tutorials

PACT 2014 solicits proposals for workshops and tutorials to be held at the University of Alberta on August 23-24, 2014, immediately before the conference. Interested individuals are invited to contact the Workshops + Tutorials Chair.

Location

PACT 2014 will be held in Edmonton, Alberta, Canada at the University of Alberta's Centennial Centre for Interdisciplinary Sciences (CCIS) – a new, state-of-the-art facility bringing together research groups across the Faculty to facilitate collaboration and discovery.

ACM Student Research Competition

PACT 2014 calls for participation in the ACM Student Research Competition (SRC). All eligible participants are entitled to apply for a travel grant. See the PACT website for details.

CONTACTS

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